



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday, April 17, 2007

Major Developments

About 420,000 Customers Remain Without Power on East Coast April 17

According to the latest reports from electric utility websites and local media as of 6:00 p.m. EST, about 420,000 customers are still without power from Canada to Georgia after severe wind storms swept across the East Coast April 15-16. States with the largest remaining outages are North Carolina and Maine. Many areas are still experiencing windy conditions and some areas in the Northeast expect lengthy restoration times due to flooding.

East Coast Customer Power Outages April 15-17, 2007			
Electric Company	State	Peak	Latest Reported
Connecticut Power & Light	Connecticut	32,000	3,085
Central Maine Power	Maine	127,581	71,000
Bangor Hydro	Maine	3,300	2,077
NSTAR	Massachusetts	52,000	1,000
National Grid	Massachusetts	22,000	2,082
Public Service of New Hampshire	New Hampshire	43,000	13,700
United Illuminating Co.	New Hampshire	21,500	0
New Hampshire Electric Cooperative	New Hampshire	20,000	13,500
National Grid	New Hampshire	5,200	900
National Grid	Rhode Island	21,000	900
Central Vermont Public Service	Vermont	50,000	22,000
New England Subtotal		397,581	130,244
Public Service Electric & Gas	New Jersey	110,000	6,800
Jersey Central Power & Light	New Jersey	4,000	0
Atlantic City Electric	New Jersey	4,361	29
National Grid	New York	32,884	6,995
New York State Electric and Gas	New York	32,000	4,300
Consolidated Edison	New York	3,400	3,000
Long Island Power Authority	New York	4,500	476
PECO Energy	Pennsylvania	80,000	20,000
PPL	Pennsylvania	77,100	27,100
Mid-Atlantic Subtotal		348,245	68,700
Delmarva Power	Delaware	17,000	668
Pepco	District of Columbia	4,470	335
JEA	Florida	23,000	0
Florida Power & Light	Florida	36,070	0
Progress Energy	Florida	5,800	0
City of Tallahassee	Florida	10,000	0
Georgia Power	Georgia	21,000	7,000
Jackson Electric Membership Corp.	Georgia	8,000	0
Pepco	Maryland	21,421	1,107
Baltimore Gas & Electric	Maryland	125,000	27,000
Delmarva Power	Maryland	2,462	21
Duke Energy	North Carolina	193,629	77,535
Progress Energy	North Carolina	65,000	16,300
North Carolina's Electric Cooperatives	North Carolina	50,000	5,000
Duke Energy	South Carolina	40,000	4,919
Dominion Virginia Power	Virginia	55,252	15,422
Appalachian Power	Virginia	50,000	23,790
South Atlantic Subtotal		728,104	179,097
Hydro One	Ontario, Canada	28,000	0
Hydro-Quebec	Quebec, Canada	160,000	42,000
Canada Subtotal		188,000	42,000
TOTAL*		1,661,930	420,041

* Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive. Peak outage numbers have risen from yesterday's outage table due to new developments and new information. Several electric companies were also added to today's outage table that were not listed in yesterday's outage table.

Sources:

Energy Assurance Daily, April 16, 2007

New England:

<http://www.cl-p.com/stormcenter/outage.aspx>
http://www.cmpco.com/news/archives/press_releases/2007/070417a.html
<http://www.bhe.com/about/outages.cfm#>
<http://www.psnh.com/aboutpsnh/mediacenter/stormupdates.asp>
http://www.uinet.com/customer_service/outageList.asp
<http://www.nationalgridus.com/masselectric/storm/storm.asp>
http://origin.berkshireeagle.com/localnews/ci_5684096
http://www.capecodtoday.com/blogs/index.php/CWN/2007/04/16/extensive_power_outages_coastal_flood_wo
<http://www.concordmonitor.com/apps/pbcs.dll/article?AID=/20070417/REPOSITORY/704170377/1043/NEWS01>
<http://www.concordmonitor.com/apps/pbcs.dll/article?AID=/20070417/REPOSITORY/70417001>
http://www.abc6.com/news/power_25506_article.html/crews_working.html
http://www.wcax.com/Global/story.asp?S=6383175&nav=menu183_2
<http://www.newswire.ca/en/releases/archive/April2007/17/c6051.html>

Mid-Atlantic:

<https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>
<http://www.nyseg.com/nysegweb/webcontent.nsf/company/News141751>
http://www.coned.com/newsroom/news/pr20070416_2.asp
<http://www.lipower.org/stormcenter/outages/township.html>
http://www.firstenergycorp.com/outages/outages.do?state_code=NJ
<http://www.atlanticcityelectric.com/home/emergency/maps/outage/>
<http://www.phillyburbs.com/pb-dyn/news/104-04172007-1331606.html>
http://blog.nj.com/ledgerupdates/2007/04/john_munsonthe_starledgerthe_r.html
<http://www.cumberlink.com/articles/2007/04/16/news/news451.txt>
<http://www.pennlive.com/newsflash/pa/index.ssf?/base/news-48/1176730765189610.xml&storylist=penn&thispage=2>

South Atlantic:

<http://www.delmarva.com/home/emergency/maps/outage/>
<http://www.pepco.com/home/emergency/maps/zip/default.aspx>
<http://ir.constellation.com/phoenix.zhtml?c=112182&p=irol-newsArticle&ID=986143&highlight=>
<http://www.appalachianpower.com/news/outages/viewstorm.asp?stormID=647>
http://www.dom.com/news/outage_sos.jsp
<http://www.duke-energy.com/outages/stats/>
<http://externalapps.jea.com/currentoutages/CurrentOutages.asp>
<http://www.ncemcs.com/news/releases/storms/April16WindStorm8pm.htm>
http://www.onlineathens.com/stories/041707/news_20070417033.shtml
http://www.fayobserver.com/article_ap?id=103933
http://www.redorbit.com/news/science/904544/noreasters_backswing_brings_damaging_wind/index.html?source=r_science

Canada:

<http://www.cbc.ca/canada/ottawa/story/2007/04/17/outage-update.html?ref=rss>
Reuters, 12:26 April 17, 2007

Enbridge Shuts Leaking 490,000 b/d Crude Oil Pipeline from Alberta to Midwest Supplies South of Leak Still Moving

A drop in pressure alerted operators to a leak of heavy crude oil in the 34-inch diameter, 490,000 b/d Enbridge main line, which brings crude oil from Alberta, Canada into the U.S. Midwest. The line immediately shut down, and the leak was isolated to an area downstream of the Glenavon pumping station in Saskatchewan. However, downstream of the leak, Midale and Light Sour Blend crude oil is being pumped into the line from storage terminals in an effort to maintain flow and service customers. The size of the leak and the impact on the environment is being investigated. According to the latest information available, the company has not determined when the line can be restated.

<http://biz.yahoo.com/iw/070416/0239566.html>
<http://www.platts.com/Oil/News/8992441.xml?p=Oil/News&sub=Oil>

Reuters, 13:42 April 16, 2007

Oil Daily, April 17, 2007

Explosion Shuts 810 MW Payne Creek Generating Station in Florida, April 15

Around 8:30 p.m. EST on April 15, an explosion occurred at a facility of the Seminole Electric Cooperative, heavily damaging generators at the plant and causing the entire facility to close. The ensuing fire caused a partial collapse of the plant, and an investigation is underway to determine the cause of the blast. The plant consists of 3 turbines with a combined capacity of 500 MW and 5 peaking turbines with a capacity of 310 MW.

<http://www.myfoxtampabay.com/myfox/pages/News/Detail?contentId=2933522&version=1&locale=EN-US&layoutCode=TSTY&pageId=3.2.1>

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=8134453

Exelon's 1,158 MW LaSalle Nuke Unit 2 in Illinois Restarted April 16

The unit had been shut so that a faulty turbine control valve could be repaired.

Bloomberg News, 15:26 April 16, 2007

Update: APS's 1,247 MW Palo Verde Nuke Unit 3 in Arizona May Stay Offline Until End of Month

The unit shut on April 12 when a problem developed in the lube oil system of the main turbine.

Bloomberg News, 16:40 April 16, 2007

AES's 495 MW Redondo Gas-fired Unit 8 Shut in California April 16

Reuters, 08:27 April 17, 2007

Calpine's 601 MW Delta Gas-fired Unit in California Shut April 15

Reuters, 19:06 April 16, 2007

NRG's 329 MW Encina Unit 5 in California Shut April 15

Reuters, 19:06 April 16, 2007

Complete's 260 MW LaPaloma Gas-fired Unit 1 in California Shut April 15

Reuters, 19:06 April 16, 2007

Petroleum

Update: Valero's 170,000 b/d McKee Refinery in Texas Back in Service at Reduced Rate

On April 16, Valero announced that the crude distillation unit (CDU) and reformer are back online and that the refinery is expected to be processing approximately 85,000 b/d of crude oil by the end of this month. The refinery had been closed since an explosion and fire on February 16.

http://biz.yahoo.com/ap/070416/valero_refinery.html?.v=1

Reuters, 17:55 April 16, 2007

Valero Delays Restart of 85,000 b/d Crude Unit at its 225,000 b/d Texas City Refinery - Traders

According to traders in the area, Valero will not restart the 85,000 b/d crude unit at its Texas City refinery until next week. According to the company, the delay will have no impact on production.

Reuters, 11:53 April 17, 2007

Flaring Reported at Chevron's 260,000 b/d El Segundo Refinery in California April 17

Reuters, 13:18 April 17, 2007

Delaware Has Authority to Block LNG Plant – Special Master

A special water master to the U.S. Supreme Court has ruled that Delaware has the power to block plans by BP to construct a pier into the Delaware River as part of the proposed Crown Landing LNG import facility. The water master left open the possibility that Delaware's exclusive right to control the area could be challenged.

<http://www.platts.com/Natural%20Gas/headlines.jsp>

AGL Resources' Golden Triangle Storage Announces Open Season for 12 Bcf of Storage in Texas

The Golden Triangle Storage, a subsidiary of AGL Resources, announced a non-binding open season for its proposed natural gas storage facility near Beaumont, Texas. The proposed facility will consist of two storage caverns providing a total of 12 Bcf of working gas capacity. If the project receives a FERC approval by the summer of 2007, construction is anticipated to begin in early 2008. The first six Bcf cavern is anticipated to be in operation in 2011 with the other is entering service in 2013.

<http://biz.yahoo.com/prnews/070416/clm205.html?v=10>

<http://intelligencepress.com/>

Other News

Summer Energy Outlook Conference

On April 17, the 2007 Summer Energy Outlook Conference was held in Denver, Colorado, co-sponsored by the Energy Information Administration (EIA), the U.S. Department of Energy's Office of Electricity Delivery and Energy Reliability (DOE-OE), the National Conference of State Legislatures (NCSL) and the National Association of State Energy Officials (NASEO). At the conference, energy industry and government experts discussed the global energy outlook, gasoline and diesel supplies, and electricity fuel and transmission issues. Alice Lippert of DOE-OE briefed the conference on the responsibilities of her office which include: energy infrastructure protection; emergency response training and exercises; and assisting all levels of government and the private sector in preparedness, response and recovery activities before, during and after energy supply disruptions. Tom Sloan, a representative from Kansas, discussed the importance of educating state legislators regarding new technologies to help them make the policy decisions that will facilitate the movement of those technologies from laboratory to market. Speaking about global oil markets, Paul Horsnell of Barclays Capital said there isn't a problem with the current global oil market and that retail oil prices at present should be considered normal. Horsnell said that a major contributor to the volatility in oil prices the lack of flexibility of refiners to respond to unplanned outages that affect supply. He added that OPEC cannot quickly make up any shortfalls. Guy Caruso, the Administrator of EIA, briefed the conference on the most recent EIA Short-term Energy and Summer Fuel Outlook released on April 10. The report is available online: <http://www.eia.doe.gov/emeu/steo/pub/contents.html>. Gordon Schremp of the California Energy Commission explained why gasoline prices are high in California. He noted that the California market is isolated by time and distance from alternate supplies; therefore, any unplanned outages will cause price spikes in California. Bruce Heine of Magellan discussed issues with the movement of ethanol and biodiesel fuels. He said when states create any new regulation or mandate on ethanol or biodiesel, they need to be flexible enough to prevent any delivery problems. Currently, there are technical and economic concerns to be resolved before Magellan will build any major long distance pipelines to move ethanol or biodiesel. Tom Plant from the Colorado Office of Energy Management and Conservation shared the vision for Colorado's energy future based on Governor Ritter's New Energy Economy. This includes more investment in renewable energy. John Felmy of the American Petroleum Institute (API) discussed Ultra-Low Sulfur Diesel (ULSD), including the volumes currently being produced and how industry has handled the introduction. Doug Larson of the Western Interstate Energy Board discussed how to improve long-term assessments of generation and transmission needs. Mark Anderson of Washington Energy Policy Office discussed how the state has dealt with energy emergencies and what they are doing to improve plans for the future. All of the presentations will be available on the NCSL website (www.ncsl.org) by the end of this week.

Energy Prices

U.S. Oil and Gas Prices April 17, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	63.39	61.94	70.27
NATURAL GAS Henry Hub \$/Million Btu	7.50	7.65	7.22

Source: Reuters

Energy Notes

Mississippi River Reopens After Several Hours Following Sinking of Barge on April 16

Reuters, 18:41 April 16, 2007

Update: Striking Miners Returning to Work at Foundation Mines

<http://www.platts.com/Coal/News/6376405.xml?p=Coal/News&sub=Coal>

Wet Weather in Midwest Delays Crop Planting Leads to Drop in Diesel Demand - Traders

Reuters, 11:46 April 17, 2007

5 Gulf of Suez Ports Closed by Sandstorm

Reuters, 11:54 April 17, 2007

Report Says Climate Change is Significant Threat to U.S. National Security

Oil Daily, April 17, 2007

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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